

CLAIMS

1. Mobile device for a deformable container, comprising:

- 5 - a frame,
 - wheels arranged on the frame for moving the device,
 - fastening means arranged on the frame for fastening the top part of the container,
10 - at least one support member for supporting the container, wherein the device comprises tilting means for tilting the support member relative to the frame.

2. Device as claimed in claim 1, wherein the frame
15 is open on at least one side for passage of the container.

3. Device as claimed in one or more of the foregoing claims, wherein the frame comprises engaging means for releasably engaging the support member.
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4. Device as claimed in one or more of the foregoing claims, wherein the support member comprises a substantially flat upper side.

25 5. Device as claimed in one or more of the claims 1-4, comprising a stop for arresting the support member at a predetermined position.

30 6. Device as claimed in one or more of the foregoing claims, wherein the support member comprises a plate having thereunder strengthening ribs in at least one direction.

35 7. Device as claimed in one or more of the foregoing claims, wherein the support member is tiltable about at least one rotation axis relative to a virtual axis.

8. Device as claimed in one or more of the foregoing claims, wherein the support member is supported substantially in the centre thereof relative to the frame.

5 9. Device as claimed in one or more of the foregoing claims 1-7, wherein the support member is supported eccentrically relative to the frame.

10 10. Device as claimed in one or more of the foregoing claims, wherein at least one of the wheels is arranged for swivelling on the frame.

15 11. Device as claimed in one or more of the foregoing claims, comprising a pull or push member on at least one side of the frame.

20 12. Device as claimed in one or more of the foregoing claims, comprising a motor drive for moving the device.

 13. Device as claimed in one or more of the foregoing claims, comprising a resistance member for braking the support member during tilting thereof.

25 14. Device as claimed in one or more of the foregoing claims, comprising a guide member for moving the support member substantially from front to rear as seen in the travel direction of the mobile device.

30 15. Method for offloading a deformable container such as a big-bag from a device as claimed in one or more of the claims 1-12, comprising steps for:

- tilting the support member by means of the engaging means,
- 35 - allowing the container to slide off the support member in the direction of the ground surface so that it makes partial contact with the ground surface,

- moving the device away, wherein the container is held in its position by friction between the part making contact with the ground surface.